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- (71) Applicant (for all designated States except US): **THIRD WAVE TECHNOLOGIES, INC.** [US/US]; 502 South Rosa Road, Madison, WI 53719-1256 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **OLSON-MUNOZ, Marilyn, C.** [US/US]; 5878 Tree Line Drive, Madison, WI 53711 (US). **CURTIS, Michelle, L.** [US/US]; 2740 Nadene Road, Cottage Grove, WI 53527 (US). **IP, Hon, S.** [US/CA]; 6310 Pilgrim Road, Madison, WI 53711 (US). **KWIATKOWSKI, Robert, W., Jr.** [US/US]; 506 Azurene Lane, Verona, WI 53593 (US). **ARMANTROUT, Kyle, C.** [US/US]; 11515 Rochester Avenue #102, Los Angeles, CA 90025 (US). **CAO, Feng** [US/US]; 2428 N. 111th Street, #6, Milwaukee, WI 53226 (US). **HURWITZ, Bonnie, L.** [US/US]; 1502 Cameron Drive, Madison, WI 53711 (US). **MACHMEIER, Daniel, K.** [US/US]; 4003 Valley Ridge Road, Middleton, WI 53562 (US). **OLSON, Sarah, M.** [US/US]; 2968 Thinnes Street, Cross Plains,
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(54) Title: ASSAYS FOR THE DIRECT MEASUREMENT OF GENE DOSAGE

(57) Abstract: The present invention relates to compositions, methods, and kits for quantifying variations in gene copy number, e.g., of individual genes or of chromosomes or portions of chromosomes in an homogeneous reaction, without the need for target amplification, fragment size resolution, or microscopy.